

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-559 REV. H OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-559 REV. 1 OR EARLIER

REF. TCCA STC: SH92-17
REF. FAA STC: SH1031NE
REF. LBA STC: 0796/3034
REF. JCAB STC: STC-90-TYO

The D206-559-031 Wearplate kit can be installed on D206-559-011/-021 Bearpaw installations. The D3860-041 Wearplates should be installed on the D2435 or D2671 Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions D206-559 Rev H or earlier.

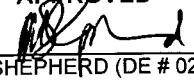
Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

WEIGHT AND BALANCE

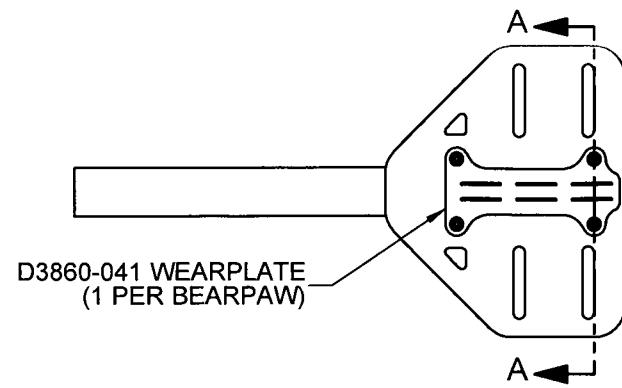
Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D206-559-031 Wearplate Kit Configuration 1 -011/-021 A/B Low	1.72 lb 0.78 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	135 in 3.43 m	232.2 in-lb 2.68 m-kg
D206-559-031 Wearplate Kit Configuration 1 -011/-021 A/B High/Float	1.72 lb 0.78 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	134 in 3.40 m	230.5 in-lb 2.65 m-kg
D206-559-031 Wearplate Kit Configuration 2 -011/-021 A/B Low	1.72 lb 0.78 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	126 in 3.20 m	216.7 in-lb 2.50 m-kg
D206-559-031 Wearplate Kit Configuration 2 -011/-021 A/B High/Float	1.72 lb 0.78 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	125 in 3.18 m	215.0 in-lb 2.48 m-kg

PARTS LIST

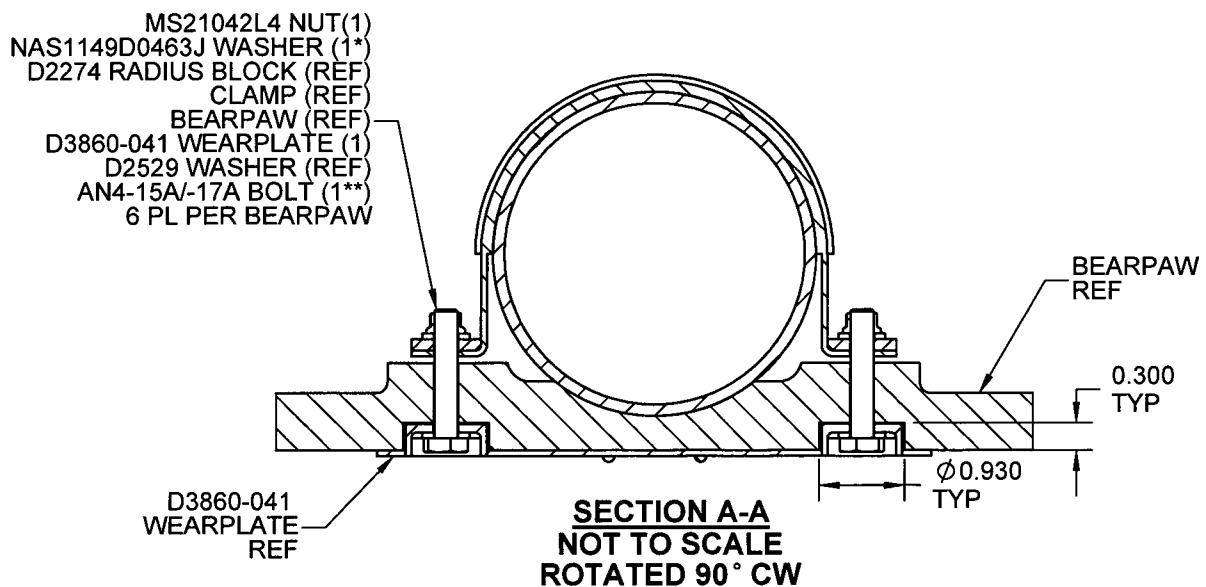
QTY. -031	PART NUMBER	DESCRIPTION
X	D206-559-031	Wearplate Kit
2	D3860-041	Wearplate
8	AN4-15A	Bolt
8	AN4-17A	Bolt
8	NAS1149D0463J	Washer
8	MS21042L4	Nut or (MS21042-4)

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	09.01.15
CERT. NO.:	SH92-17
ISSUE NO.:	7

A	NEW ISSUE		09.01.15
REV.	DESCRIPTION		BY DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED			
MFG. APPR.	N/A		
APPROVED			
DE APPR.			
DATE	09.01.15		SCALE NTS
WEARPLATE KIT			
COPYRIGHT © 2009 BY DART AEROSPACE LTD			
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



BOTTOM VIEW



* ADDITIONAL NAS1149D0463J WASHERS MAY BE INSTALLED UNDER NUTS TO ENSURE 1.5 - 4 THREADS IN SAFETY ON BOLTS. ALTHOUGH NOT GENERALLY NECESSARY, IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A-17A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

** USE AN4-15A BOLTS WITH (1) NAS1149D0463J WASHER IF INSTALLING BEARPAW ON Ø 3.0 OR SMALLER SKIDTUBE. USE AN4-17A BOLTS WITH (2) NAS1149D0463J WASHERS IF INSTALLING BEARPAW ON TUBE LARGER THAN Ø 3.0 (DART TUBE).

FIGURE 1: D206-559-031 WEARPLATE KIT

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
D. SHEPHERD (DE # 02)	
DATE:	09.01.15
CERT. NO.:	SH92-17
ISSUE NO.:	7

DESIGN	<i>AS</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	<i>AS</i>	
CHECKED	<i>AS</i>	
MFG. APPR.	N/A	
APPROVED	<i>AS</i>	
DE APPR.	<i>AS</i>	
DATE 09.01.15		
DRAWING NO. DSI 9430		
REV. A		
SHEET 2 OF 2		
TITLE		
WEARPLATE KIT		
SCALE		
NTS		
COPYRIGHT © 2009 BY DART AEROSPACE LTD		
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		